

FEES OWING

The applicant respectfully observes that your applicant made payment of \$650 for a small entity, on March 20, 2003, and that the PTO 2038 form for payment by Credit Card was included with that prior transmission. Your applicant respectfully observes that this filing is within the first month following the Dismissal of November 12, 2003. Your applicant believes that no additional fees are owing at this time. Should fees be owing the Office is authorized to withdraw fees from the Deposit account of Liebler, Connor & Ivey, P.S. account number 50-0607.

REMARKS**Amendments to the Specification**

An Amended Specification was submitted September 22, 2003 which is drawn from a careful consideration of the original brief specification and the drawings. The several drawings, unnumbered in the original application and comprising production drawings, contain considerable detail which, when considered in conjunction with the original specification, are respectfully urged to the Examiner to support the textual descriptions seen in the Substitute Specification. It is believed that no new matter has been added.

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on December 5, 2003 to Office of Petitions
with copy to Examiner Fred Prince
by Floyd E. Ivey.

Application No. 09/041,685

1 Examiner's Advisory Action of April 16, 2003

2 Your applicant respectfully urges the Examiner to reconsider the Examiner's
3 conclusions as stated in the Advisory Action. Your applicant respectfully urges the
4 Examiner to review the recitation of the Brief Description of the Drawings re: Figure 1.
5 At the outset, your applicant acknowledges that the Brief Description re: Figure 1 must be
6 amended and states that the lengthy statement is merely for the purpose of binging
7 attention to the several features not addressed in the text of the original specification but
8 which are presented in considerable detail in the drawings.
9

10 The Examiner states, in the Advisory Action, that "...There is no description in the
11 original specification of media retained by a "depression" or securing the vane via
12 "adhesive" or a "friction fit". Your applicant respectfully directs the Examiner to Figures
13 1, 2, 3, 4, 5 and 5A where either a "depression" or a "slot" is seen at (150). It is
14 respectfully urged that while there is no reference to adhesive or friction fit, that one of
15 ordinary skills in the arts would know to achieve a "fixing" by some "fixing means"
16 including likely adhesives and or friction.
17

18 The Examiner states that "The original specification states that the media is an
19 "eight-vaned structure" and that there is no reference to fewer than eight vanes. The
20 Examiner is respectfully directed to the drawings of the inner core depicting vanes at
21 figures 2 and 3 and in particular to Figure 2 at the upper right corner, essentially beneath
22

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1 the title TUBE DETAIL. There, as well as in Figure 2, the Examiner will observe vanes
2 in a six vane configuration and vanes bearing dashed lines suggesting alternative
3 structures to a strict six and eight vaned structures. Your applicant urges the Examiner to
4 appreciate the teaching of vaned inner cores within tubes rather than the teaching of
5 "eight-vaned" inner cores within tubes.
6

7 The Examiner comments that the claims in the amendment call for an inner core
8 placed into a tube and is no longer directed toward vortices and that "...The "core in tube"
9 subject matter was not explicitly described or claimed and requires further
10 searching/consideration. Your applicant agrees that such was not claimed but was shown
11 in the original drawings.
12

13 SUMMARY OF AMENDMENTS AND REMARKS

14
15 The applicant has submitted a Request for Reconsideration of the Dismissal of
16 Petitioner's Petition for Revival and a Request for Continued Examination. Accordingly,
17 the applicant has made a good faith attempt place the application in condition to be
18 returned to examination. Your applicant requests the Office of Petitions to return this
19 application to prosecution and to withdraw the said objections and rejections and to allow
20 the claims as set forth.
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3 Respectfully submitted,
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Registration No. 35,552

7 Telephone No. (509) 735-3581

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9 **CERTIFICATE OF TRANSMISSION: FOR OFFICIAL FILING**

10 The undersigned hereby certifies that this correspondence is being facsimile transmitted
11 to the Patent and Trademark Office Fax No. (703) 872 9707 on December 5, 2003.

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13 Signature FLOYD E. IVEY
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